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FAX TRANSMISSION COVER SHEET

Date: December 20, 2004
To: Amendment
United States Patent & Trademark Office
Fax: (703) 872-9306
Phone:
From: Carl T. Reed
Our File: Serial No.: 10/026,055
Filing Date: December 20, 2001
Our Docket: 15436.436.4

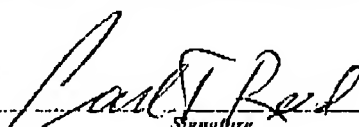
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Comments:

Please see attached.

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AMENDMENT TRANSMITTAL LETTER (Large Entity)					Docket No. 15436.436.4	
Applicant(s): Ralph H. Johnson						
Application No. 10/026,055	Filing Date 12/20/2001	Examiner Dung T. Nguyen	Customer No. 022913	Group Art Unit 2828	Confirmation No. 8719	
Invention: VERTICAL CAVITY SURFACE EMITTING LASER INCLUDING INDIUM IN THE ACTIVE REGION						
<u>COMMISSIONER FOR PATENTS:</u>						
Transmitted herewith is an amendment in the above-identified application. The fee has been calculated and is transmitted as shown below.						
CLAIMS AS AMENDED						
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST # PREV. PAID FOR	NUMBER EXTRA CLAIMS PRESENT	RATE	ADDITIONAL FEE	
TOTAL CLAIMS	6 -	20 =	0	x \$50.00	\$0.00	
INDEP. CLAIMS	3 -	3 =	0	x \$200.00	\$0.00	
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00	
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT					\$0.00	
<input checked="" type="checkbox"/> No additional fee is required for amendment. <input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of _____ <input type="checkbox"/> A check in the amount of _____ to cover the filing fee is enclosed. <input checked="" type="checkbox"/> The Director is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account 23-3178 <input checked="" type="checkbox"/> Any additional filing fees required under 37 C.F.R. 1.16. <input type="checkbox"/> Any patent application processing fees under 37 CFR 1.17. <input type="checkbox"/> Payment by credit card. Form PTO-2038. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.						
 _____ CARL T. REED Attorney for Applicant Registration No. 45,454			Dated: December 28, 2004			
CC:			<div style="border-bottom: 1px solid black; margin-bottom: 5px;">I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on</div> <div style="border-bottom: 1px solid black; margin-bottom: 5px; text-align: center;">(Date)</div> <div style="border-bottom: 1px solid black; margin-bottom: 5px; text-align: center;">Signature of Person Mailing Correspondence</div> <div style="border-bottom: 1px solid black; text-align: center;">Typed or Printed Name of Person Mailing Correspondence</div>			

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PATENT
Docket No.: 15436.436.4

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of)
)
	Ralph H. Johnson)
)
Serial No.:	10/026,055) Art Unit
) 2828
Filed:	December 20, 2001)
)
Confirmation No.	8713)
)
For:	VERTICAL CAVITY SURFACE EMITTING)
	LASER INCLUDING INDIUM IN THE)
	ACTIVE REGION)
)
Examiner:	Dung T. Nguyen)

RESPONSE TO OFFICE ACTION DATED SEPTEMBER 28, 2004

Mail Stop AMENDMENT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In response to the Office action of September 28, 2004, please amend the above-identified application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 4 of this paper.